Substitute Form PTO-1 (Modified)

RADEMAN 8. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 17315-002002

Application No. 10/820,581

Applicant

Filing Date

April 7, 2004

Frederick G. St. Goar

Group Art Unit 3732

by Applicant (Use several sheets if necessary)

**Information Disclosure Statement** 

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LB	AA	2002/0013571	01/31/02	Goldfarb et al.	606	1	06/27/01
1	AB	2002/0035361	03/21/02	Houser et al.	606	15	07/03/01
	AC	2002/0087148	07/04/02	Brock et al.	606	1	11/16/01
	AD	2002/0087169	07/04/02	Brock et al.	606	139	11/16/01
	AE	2002/0183766	12/05/02	Seguin	606	139	07/24/02
	AF	2003/0167071	09/04/03	Martin et al.	606	232	03/01/02
	AG	2004/0003819	01/08/04	St. Goar et al.	128	898	07/03/03
	AH	2004/0030382	02/12/04	St. Goar et al.	623	2.36	08/05/03
	AI	2004/0039442	02/26/04	St. Goar et al.	623	2.36	08/07/03
	AJ	2004/0044350	03/04/04	Martin et al.	606	139	05/19/03
	AK	2004/0049207	03/11/04	Goldfarb et al.	606	139	05/19/03
	AL	2004/0087975	03/06/04	Lucatero et al.	606	139	05/19/03
	AM	2004/0088047	05/06/04	Spence et al.	623	2.36	10/28/03
· · · · · · · · · · · · · · · · · · ·	AN	2004/0092962	05/13/04	Thornton et al.	606	139	05/19/03
	AO	2004/0106989	06/03/04	Wilson et al.	623	2.11	07/03/03
	AP	2004/0122448	06/24/04	Levine	606	139	08/13/03
	AQ	2004/0127981	07/01/04	Rahdert et al.	623	2.36	10/01/03
	AR	2004/0127982	07/01/04	Machold et al.	623	2.36	10/01/03
	AS	2004/0127983	07/01/04	Mortier et al.	623	2.36	10/07/03
	AT	2004/0133062	07/08/04	Pai et al.	600	16	10/08/03
	AU	2004/0133063	07/08/04	McCarthy et al.	600	16	12/12/03
	AV	2004/0133220	07/08/04	Lashinski et al.	606	151	08/05/03
	AW	2004/0133240	07/08/04	Adams et al.	607	2	01/07/03
	AX	2004/0133273	07/08/04	Cox	623	2.11	12/17/03
	AY	2004/0138745	07/15/04	Macoviak et al.	623	2.36	10/28/03
	AZ	2004/0225300	11/11/04	Goldfarb, et al.	606	139	03/17/04
	BA	2,108,206	02/15/38	Meeker	606	148	03/09/37
	вв	3,378,010	04/16/69	Codling et al.	606	157	07/28/65
\/	ВС	4,297,749	11/03/81	Davis et al.	623	2.19	02/27/80
V	BD	4,809,695	03/07/89	Gwathmey et al.	227	175.1	02/25/87

Examiner Signature

/Lindsey Bachman/

Date Considered

05/12/2006

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 17315-002002

Application No. 10/820,581

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant Frederick G. St. Goar

Filing Date Group Art Unit April 7, 2004 3732

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LB	BE	5,042,707	08/27/91	Taheri	606	213	10/16/90
1	BF	5,049,153	09/17/91	Nakao et al.	606	151	06/26/90
	BG	5,069,679	12/03/91	Taheri	606	159	11/13/89
	вн	5,171,252	12/15/92	Friedland	606	151	02/05/91
	BI	5,209,756	05/11/93	Seedhom et al.	606	151	07/10/91
	BJ	5,226,429	07/13/93	Kuzmak	128	898	06/20/91
	BK	5,254,130	10/19/93	Poncet et al.	606	206	04/13/92
	BL	5,383,886	01/24/95	Kensey et al.	606	185	10/13/92
	ВМ	5,403,326	04/04/95	Harrison et al.	606	139	02/01/93
	BN	5,417,700	05/23/95	Egan	606	144	03/25/93
	ВО	5,423,858	06/13/95	Bolanos et al.	606	220	09/30/93
	BP	5,423,882	06/13/95	Jackman et al.	607	122	07/09/94
	BQ	5,450,860	09/19/95	O'Connor	128	898	08/31/93
	BR	5,478,309	12/26/95	Sweezer et al.	604	6.14	05/27/94
	BS	5,478,353	12/26/95	Yoon	606	213	07/18/94
	вт	5,520,701	05/28/96	Lerch	606	142	06/15/94
	BU	5,522,873	06/04/96	Jackman et al.	607	122	07/06/94
	BV	5,536,251	07/16/96	Evard et al.	604	93.01	04/03/95
	BW	5,542,949	08/06/96	Yoon	606	143	09/16/93
	BX	5,571,137	11/05/96	Marlow et al.	606	207	08/17/94
	BY	5,571,215	11/05/96	Sterman et al.	600	101	12/06/93
	BZ	5,618,306	04/08/97	Roth et al.	606	205	11/17/95
	BZ	5,634,932	06/03/97	Schmidt	606	157	10/10/95
	CA	5,640,955	06/24/97	Ockuly et al.	600	374	02/14/5
	СВ	5,713,910	02/03/98	Gordon et al.	606	144	11/07/95
	СС	5,716,367	02/10/98	Koike et al.	606	144	10/18/96
	CD	5,718,725	02/17/98	Sterman et al.	623	2.11	06/05/95
	CE	5,797,927	08/25/98	Yoon	606	144	09/22/95
	CF	5,810,847	09/22/98	Laufer et al.	606	142	03/06/97
-V $-$	CG	5,824,065	10/20/98	Gross	623	2.41	07/07/97

Examiner Signature

/Lindsey Bachman/

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 17315-002002

Application No. 10/820,581

**Information Disclosure Statement** by Applicant (Use several sheets if necessary)

Applicant

Frederick G. St. Goar

**Group Art Unit** 

(37 CFR §1.98(b))

Filing Date April 7, 2004 3732 II S Patent Documents

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LB	СН	5,827,237	10/27/98	Macoviak et al.	604	246	06/17/96
1	CI	5,833,671	11/10/98	Macoviak et al.	604	247	06/17/96
	Cl	5,836,955	11/17/98	Bueina et al.	606	148	07/14/97
	CK	5,879,307	03/09/99	Chio et al.	600	485	03/1/97
	CL	5,885,271	03/23/99	Hamilton et al.	606	1	03/14/97
	СМ	5,928,224	07/27/99	Laufer	606	27	01/24/97
	CN	5,947,363	09/07/99	Bolduc et al.	227	176.1	03/20/98
	СО	5,954,732	09/21/99	Hart et al.	606	144	09/10/97
	СР	5,980,455	11/09/99	Daniel et al.	600	235	07/15/97
	CQ	5,989,284	11/23/99	Laufer	607	96	02/18/97
	CR	6,019,722	02/01/00	Spence et al.	600	210	09/17/97
	CS	6,117,144	09/12/00	Nobles et al.	606	144	01/14/99
	СТ	6,165,183	12/26/00	Kuehn et al.	606	139	07/15/98
	CU	6,210,432	04/03/01	Solem et al.	623	1.15	06/30/99
	CV	6,269,819	08/07/01	Oz et al.	128	898	02/25/99
	CW	6,306,133	10/23/01	Tu et al.	606	41	10/02/99
	CX	6,312,447	11/06/01	Grimes	606	219	10/13/99
	CY	6,355,030	03/12/02/	Aldrich et al.	606	28	09/25/98
	CZ	6,461,366	10/08/02	Seguin	606	144	03/10/00
	DA	6,619,291	09/16/03	Hlavka et al.	128	898	04/24/01
	DB	6,629,534	10/07/03	St. Goar et al.	128	898	04/07/00
	DC	6,701,929	03/09/04	Hussein	128	898	03/27/01
	DD	6,702,826	03/09/04	Liddicoat et al.	606	151	06/22/01
	DE	6,723,038	04/20/04	Schroeder et al.	600	16	10/06/00
	DF	6,746,471	06/08/04	Mortier et al.	606	207	05/25/01
	DG	6,752,813	06/22/4	Goldfarb et al.	606	139	06/27/01
-V	DH	6,770,083	08/03/04	Seguin	606	139	07/24/02

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	slation
Initial	l ID	Number	Date	Patent Office	Class	Subclass	Yes	No

Examiner Signature	Date Considered				
/Lindsey Bachman/	05/12/2006				
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form					
with next communication to applicant.	Substitute Disclosure Form (PTO-1449)				

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002002	Application No. 10/820,581	
1	closure Statement	Applicant Frederick G. St. Goar		
(Use several sh	neets if necessary)	Filing Date April 7, 2004	Group Art Unit 3732	

	Foreig	n Patent Doc	uments or P	ublished Foreign P	atent A	Application	าร	
Examiner	Desig.	Document	Publication	Country or Patent Office	Class	Subclass	Trans Yes	lation No
Initial	ID	Number 0 179 562	Date 07/12/89	EP Patent Office	Class	Subclass	res	INO
	DI	<del></del>	09/01/93	EP				
	Dì	0 558 031						
	DK	0 684 012	11/29/95	EP				
	DL	00/60995	10/19/00	PCT				<u> </u>
	DM	01/26357	04/19/01	PCT				
	DN	01/28432	04/26/01	PCT				
	DO	11089937	04/06/99	ЛР				
	DP	1598111	09/16/81	UK				
	DQ	2003/020179	03×13/03	PCT				
	DR	2004/012583	02/12/04	PCT				
	DS	2004/019811	03/11/04	PCT				
	DT	2004/030570	04/15/04	PCT				
	DU	2004/045378	06/03/04	PCT	-		_	
	DV	2004/045463	06/03/04	RCT				
	DW	2004/047679	06/10/04	PCT				
	DX	2151142	07/17/85	UK \				
	DY	3504292	07/24/86	DE \				
	DZ	81/00668	03/19/81	PCT				
	DZ	92/12690	08/06/92	PCT				
	EA	94/18881	09/01/94	PCT				
	EB	94/18893	09/01/94	PCT				
	EC	97/39688	10/30/97	PCT				
	ED	98/07375	02/26/98	PCT				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EE	98/30153	07/16/98	PCT				
	EF	99/07354	02/18/99	PCT				<u> </u>

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document			
	EG	Abe et al., "As originally published in 1989: De Vega's annuloplasty for acquired tricuspid disease: early and late results in 110 patients. Updated in 1996," Ann. Thorac. Surg. 62(6): 1876-1877 (1996)			
	ЕН	Ali Khan et al., "Blade atrial septostomy: Experience with the first 50 proceduresCathet Cardiovasc Diagn. 23(4):257-62 (1991)			

Examiner Signature /Lindsey Bachman/	Date Considered 05/12/2006
EXAMINER: Initials citation considered. Draw line through citation if with next communication to applicant.	not in conformance and not considered. Include copy of this form  Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002002	Application No. 10/820,581	
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Frederick G. St. Goar		
		Filing Date April 7, 2004	Group Art Unit 3732	

Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner	Desig.				
Initial	ID	Document			
	EI	Bailey, C.P. et al., "Mitral Regurgitation," Chapter 20 in Surgery of the Heart, Philadelphia: Lea & Febiger, pp. 686-737 (1955)			
	EJ	Reul, Ross M. and Cohn, Lawrence II, "Mitral Valve Reconstruction for Mitral Insufficiency," Prog Cardiovasc Dis. 39(6):567-99 (1997)			
	EK	Umana et al., "'Bow-tie' mitral valve repair successfully addresses subvalvular dysfunction in ischemic mitral regurgitation," Surgical Forum, 48: 279-280 (1997)			

Examiner Signature	Date Considered	05/12/2006					
/Lindsey Bachman/							
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant							

Substitute Form PTO-1448 (Modified)

o.S. Separtment of Commerce Pale and Trademark Office

Attorney's Docket No. 17315-002002

Application No. 10/820,581

List of Patents and Publications for Applicant's Information Disclosura Statement

Applicant Frederick G. St. Goar

Filing Date

**Group Art Unit** April 7, 2004 3732

(37 CFR §1.98(b))

**U.S. Patent Documents** 

Examiner	Desig.	Document	Publication	Detector	Class	Cubalas-	Filing Date
Initial LB	ID A	Number 2003/0078654	Date 04/24/03	Patentee Taylor et al.	Class 623	Subclass 2.36	If Appropriate 08/14/02
	B	2003/00/8634	04/10/03	Solem et al.	623	2.37	11/26/02
	С		<u> </u>	<del></del>	<del>                                     </del>	142	
	<del> </del>	2003/0069593	04/10/03	Tremulis et al.	606		08/10/02
	D	2003/0069570	04/10/03	Witzel et al.	606	28	11/12/02
	E	2004/0039443	02/26/04	Solem et al.	623	2.37	12/24/02
	F	2004/0039442	02/26/04	St. Goar et al.	623	2.36	08/07/03
	G	2004/0030382	02/12/04	St. Goar et al.	623	2.36	08/05/03
	Н	2004/0019378	01/29/04	Hlavka et al.	623	2.11	07/18/03
	I	2004/0019377	01/29/04	Taylor et al.	623	2.11	01/14/03
	J	2004/0003819	01/08/04	St. Goar et al.	128	898	07/03/03
	K	3,671,979	06/27/72	Moulopoulos, S.	623	2.11	09/23/69
	L	3,874,338	04/01/75	Happel, F.	119	14.43	10/05/73
	М	4,056,854	11/18/77	Boretos et al.	623	2.18	09/28/76
	N	4,484,579	11/27/4	Meno et al.	606	194	07/19/82
	0	4,917,089	04/17/90	Sideris	606	215	08/29/88
	P	4,994,077	02/19/91	Dobben	623	2.2	04/21/89
	Q	5,226,911	07/13/93	Chee et al.	606	191	10/02/91
	R	5,234,437	08/10/93	Sepetka	606	108	12/12/91
	S	5,250,071	10/05/93	Palermo	606	198	09/22/92
	Т	5,261,916	11/16/93	Engelson	606	108	12/12/91
	Ū	5,312,415	05/17/94	Palermo	606	108	09/22/92
1	V	5,332,402	07/26/94	Teitelbaum	623	2.42	05/12/92
	w	5,350,397	09/27/94	Palermo et al.	606	200	11/13/92
	х	5,411,552	05/02/95	Andersen et al.	623	2.18	06/14/94
	Y	5,554,185	09/10/96	Block et al.	623	2.12	07/18/94
	Z	5,690,671	11/25/97	McGurk et al.	606	200	12/13/94
	AA	5,719,725	02/17/98	Nakao	360	98.06	12/02/96
	AB	5,769,812	06/23/98	Stevens et al.	604	4.01	10/16/96
<u> </u>	AC	5,797,960	08/25/98	Stevens et al.	606	213	04/20/95
<del>-\</del>  /	<b>-</b>	<del>                                     </del>			<u> </u>	<u> </u>	

**Examiner Signature** 

/Lindsey Bachman/

**Date Considered** 

05/12/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Fon (Modified)	m PTO-1449		partment of Comment and Trademark Office		tomey's Docket No. 7315-002002		Application No 10/820,581		
		d Publications in Disclosure St			oplicant rederick G. St. C	Goar			
(37 CFR §1.98	3(b))				Filing Date Group Art Unit April 7, 2004 3732				
-			U.S. Pate	nt Do	cuments				
Examiner Initial	Desig. ID	Document Number	Publication Date		Patentee	Class	Subclass	Filing Date If Appropriate	
LB	AE	5,829,447	11/03/98	Steve	ns et al.	128	898	05/07/96	
	AF	5,840,081	11/24/98	Ande	rsen et al.	623	1.11	02/19/97	
	AG	5,855,614	01/05/99	Steve	ns et al.	128	898	05/07/96	
	AH	6,626,899	0/30/03	Hous	er et al.	606	14	07/03/01	
	AI	6,629,534	10/07/03	St. G	oar et al.	128	898	04/07/00	
V	AJ	6,689,164	02/10/04	Segui	in	623	2.36	10/10/00	

	Foreig	n Patent Do	cuments or F	ublished Foreign	Patent A	Application	ns	
Examiner	ner Desig.	Document	Publication	Country or			Translation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
LB	AK	00/03759	01/27/00	PCT				
1	AL	03/037171	05/08/03	PCT				
	AM	2004/004607	01/15/04	PCT				
	AN	91/01689	02/21/91	PCT				
	AO	98/35638	08/20/98	PCT				
\/	AP	99/00059	01/07/99	PCT				
<b>V</b>	AQ	99/01377	01/14/99	PCT				

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document
LB	AR	Abe et al.,"De Vega's Annuloplasty for Acquired Tricuspid Disease: Early and Late
	Alk	Results in 110 Patients," Ann. Thorac. Surg. 48:670-676 (1989)
	AS	Ali Khan et al., "Blade Atrial Septostomy: Experience with the First 50
	AS	Procedures," Cathet. Cardiovasc. Diagn. 23:257-262 (1991)
		Alvarez et al., "Repairing the Degenerative Mitral Valve: Ten- to Fifteen-Year
	AT	Follow-up,"
		J. Thorac. Cardiovasc. Surg. 112:238-247 (1996)
		Bach and Bolling et al., "Early improvement in congestive heart failure after
ŀ	AU	correction of secondary mitral regurgitation in end-stage cardiomyopathy," Am.
		Heart J. 129:1165-1170 (1995)
		Bach and Bolling et al., "Improvement following correction of secondary mitral
1	AV	regurgitation in end-stage cardiomyopathy with mitral annuloplasty," Am. J.
		Cardiol. 78:966-969 (1996)
V	AW	Bolling et al., "Surgery for Acquired Heart Disease," J. Thorac. Cardiovasc. Surg.
, ,	AW	109:676-683 (1995)

Examiner Signature /L	indsey Bachman/	Date Considered 05/12/2006
	nsidered, whether or not citation is d. Include copy of this form with ne	n conformance with MPEP 609; Draw line through citation if not in the communication to applicant.

Substitute Fo (Modified)	orm PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 17315-002002	Application No. 10/820,581			
		d Publications for Applicant's n Disclosure Statement	Applicant Frederick G. St. Goar				
(37 CFR §1.5	98(b))		Filing Date April 7, 2004	Group Art Unit 3732			
	Other D	ocuments (include Author, ]	Title, Date, and Place o	f Publication)			
Examiner Initial	Desig. ID		Document				
LB	AX	Dec and Fuster et al., "Idiopath 331:1564-1575 (1994)	ic dilated cardiomyopathy,	"N. Engl. J. Med.			
	AY	Fucci et al., "Improved results v techniques," European journal of					
	AZ	Kameda et al., "Annuloplasty for Cardiomyopathy," Ann. Thorac	for Severe Mitral Regurgitation Due to Dilated c. Surg. 61:1829-1832 (1996)				
	ВА		dge technique: a simplified method to correct mitral al of cardio-thoracic surgery. 13:240-246 (1998)				
	ВВ	McCarthy and Cosgrove et al., Edwards Annuloplasty System,					
	ВС	Park et al., "Clinical Use of Bla (1978)	de Atrial Septostomy," Cir	culation 58:600-606			
	BD	Ricchi et al., "Linear Segmenta Thorac. Surg. 63:1805-1806 (19	• •	Valve Repair," Ann.			
	BE	Tager et al., "Long-term follow valve replacement with tricuspi echocardiographic criteria in the J. Cardiol. 81:1013-1016 (1998)	d annuloplasty – validity o e decision to perform tricus	f preoperative			
	BF	Uchida et al., "Percutaneous car guidance," Am. Heart J. 121:12	21-1224 (1991)				
V	BG	Umana et al., "'Bowtie' Mitral Mitral Regurgitation." Ann. The					

Examiner Signature	/Lindsey H	Bachman/	Date Considered 05/12/2006
EXAMINER: Initial if citation conformance and not consider			conformance with MPEP 609; Draw line through citation if not in communication to applicant.

. •	101	PE				Sh	eet <u>1</u> of <u>1</u>
-Substitute For (Modified)	1	S. Depart Patent an	ment of Commerce d Trademark Office	Attorney's Docket No. 17315-002002		Application No 10/820,58	
List of P	ateris an	d Publications for	Applicant's ement	Applicant Frederick G. St.	Goar		
(37 CFR §1.98	8(b))			Filing Date April 7, 2004		Group Art Uni 3732	t
			U.S. Patent	Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Г₽	AA	2004/0030382	2/12/04	St. Goar et al.			
*	AB	2005/0021056	1/27/05	St. Goar et al.			
*	AC	2005/0021057	1/27/05	St. Goar et al.			
	AD	2005/0033446	2/10/05	Deem et al.	1		
W	ΔF	6269819	8/7/01	Oz et al			

	Foreig	n Patent Docur	nents or Pub	ished Foreign	Patent /	Application	าร	
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	_ D	Number	Date	Patent Office	Class	Subclass	Yes	No
		None						

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document
		None

Examiner Signature

/Lindsey Bachman/

Date Considered

05/12/2006

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Substitute Form PTO-1

3.9. Department of Commerce Patest and Trademark Office

Attorney's Docket No. 17315-002002

Application No. 10/820,581

List of Patents and Publications for Applicant's Information Disclosure Statement

Applicant Frederick G. St. Goar

Filing Date

Group Art Unit 3732

(37 CFR §1.98(b))

April 7, 2004

				U.S. Pate	nt Documents			
Exan Init		Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Ll	В	AA	2002/0161378	10/31/02	Downing	606	108	06/15/01
		AB	2002/0183835	12/05/02	Taylor et al.	623	2.11	02/05/02
		AC	2003/0105519	06/05/03	Fasol et al.	623	2.1	09/04/98
		AD	2003/0187467	10/02/03	Schreck	606	150	03/26/02
		AE	2004/0097979	05/20/04	Svanidze et al.	606	151	11/14/02
		AF	2004/0158123	08/12/04	Jayaraman .	600	37	02/02/04
		AG	2004/0236354	11/25/04	Seguin, J.	606	139	06/24/04
		AH	5,769,863	06/23/98	Garrison	606	148	12/16/96
	/	ΑI	6,575,971	06/10/03	Hauck et al.	606	52	11/15/01
	<b>V</b>	, AJ	6,626,930	09/30/03	Allen et al.	606	213	05/01/00

	Foreig	n Patent Doo	uments or F	Published Foreign	Patent A	Application	าร	
Examiner	Desig.	g. Document	Publication	Country or		Subclass	Translation	
Initial	ID	Number	Date	Patent Office	Class		Yes	No
	ÀK~	03/001893	01/09/03	PCT				
	. · AL	03/073913	09/12/03	PCT				
	AM	04/112585	12/29/04	PCT				
	AN	04/112651	12/29/04	PCT				-
	AO	05/032421	04/14/05	PCT				
	AP	05/062931	07/14/05	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	ΑQ	Agricola et al., "Mitral valve reserve in double orifice technique: an exercise echocardiographic study," Journal of Heart Valve Disease 11(5): 637-643 (2002)
	AR	Alfieri et al., "An effective technique to correct anterior mitral leaflet prolapse," J. Card. Surg. 14(6): 468-470 (1999)
	AS	Alfieri et al., "Novel suture device for beating heart mitral leaflet approximation," Annals of Thoracic Surgery 74: 1488-1493 (2002)
	ΑΤ	Alfieri et al., "The double orifice technique in mitral valve repair: a simple solution for complex problems," Journal Of Thoracic Cardiovascular Surgery 122: 674-681 (2001)

Examiner Signature	/Lindsey Bachman/	Date Considered 05/12/2006
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant		

Substitute Fon (Modified)	m PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002002	Application No. 10/820,581	
List of Patents and Publications for Applicant's Information Disclosure Statement			Applicant Frederick G. St. Goar		
(37 CFR §1.98(b))			Filing Date April 7, 2004	Group Art Unit 3732	
	Other D	ocuments (include Author, 1	Fitle, Date, and Place o	f Publication)	
Examiner Initial	Desig. ID	Document			
	AU	Alfieri, O., "Surgical Treatment of Atrial Fibrillation: Summary of Current Experience," The edge- to-edge repair of the mitral valve," [Abstract] 6th Annual NewEra Cardiac Care: Innovation & Technology, Heart Surgery Forum, pp. 103 (2003)			
<del></del>	AV	Alfieri, O., "The edge-to-edge repair of the mitral valve," [Abstract] 6 <sup>th</sup> Annual NewEra Cardiac Care: Innovation & Technology, Heart Surgery Forum, pp. 103 (2003)			
	AW	Arisi et al., "Mitral valve repair with Alfieri technique in mitral regurgitation of diverse etiology: early echocardiographic results," Circulation Supplement II, 104: 3240 (2001)			
	AX	Foundation, Cleveland, Ohio, http://w	Bhudia, S., "Edge-to-edge mitral repair: a versatile mitral repair technique," The Cleveland Clinic Foundation, Cleveland, Ohio, http://www.ctsnet.org/doc/7007 (accessed on December 14, 2004)		
	AY	Borghetti et al., "Preliminary observations on haemodynamics during physiological stress conditions following 'double-orifice' mitral valve repair," European Journal of Cardio-thoracic Surgery 20: 262-269 (2001)			
	AZ	Castedo, "Edge-to-edge tricuspid repair for redeveloped valve incompetence after DeVega's annuloplasty," Ann Thora Surg. 75: 605-606 (2003)			
	ВА	Dottori et al., "Echocardiographic imaging of the Alfieri type mitral valve repair," Ital. Heart J. 2(4): 319-320 (2001)			
	ВВ	Downing et al., "Beating heart mitral valve surgery: preliminary model and methodology," Journal of Thoracic and Cardiovascular surgery 123(6): 1141-1146 (2002)			
	вс	Falk et al., "Computer-enhanced mitral valve surgery: toward a total endoscopic procedure," Seminars in thoracic and cardiovascular surgery 11(3): 224-249 (1999)			
	BD	Fundaro et al., "Chordal placation and free edge remodeling for mitral anterior leaflet prolapse repair: 8 year follow-up," Annals of Thoracic Surgery 72: 1515-1519 (2001)			
	BE	Garcia-Rinaldi et al., "Left ventricular volume reduction and reconstruction is ischemic cardiomyopathy," Journal of Cardiac Surgery 14: 199-210 (1999)			
	BF	Gateliene, "Early and postoperative results results of metal and tricuspid valve insufficiency surgical treatment using edge-to-edge central coaptation procedure," Medicina 38 (Suppl 2): 172-175 (2002) [Article in Lithuanian, English summary on page 174 of the article]			
	BG	Gatti et al., "The edge to edge technique as a trick as a trick to rescue an imperfect mitral valve repair," Eur. J. Cardiothorac Surg 22(5): 817-20 (2002)			
	вн	Gillinov et al., "Is minimally invasive heart valve surgery a paradigm for future?" Current Cardiology Reports 1: 318-322 (1999)			
	BI	Gundry et al., "Facile Minimally Invasive Cardiac Surgery via Ministernotomy," Ann. Thorac. Surg. 65: 1100-1104 (1998)			
	ВЈ	Ikeda et al., "Batista's operation with ischemic dilated cardiomyopathy," Th 48: 746-749 (2000)	e Japanese Journal of Thoracic	and Cardiovascular Surgery	
	вк	Izzat et al., "Early experience with partial left ventriculectomy in the Asis-Pacific Region," Annuals of Thoracic Surgery 67: 1703-1707 (1999)			
	BL	Källner et al., "Transaortic approach f			
	ВМ	Kavarna et al., "Transaortic repair of r Cardiac Care conference, San Diego, ( http://www.hsforum.com/vol3/issue1/	CA, January 13-16 (2000),		

Examiner Signature	Date Considered
/Lindsey Bachman/	05/12/2006
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		ocuments (include Author,	litle, Date, and Place o	f Publication)	
Examiner	Desig.		Dogument		
Initial	ID	Document  \Kaza et al., "Ventricular reconstruction results in improved left ventricular function and amelioration			
	BN	of mitral insufficiency," Annals of Su			
	во	Kherani, "The edge-to-edge mitral val		erian experience," Ann.	
	ВО	Thorac. Surg. 78: 73-76 (2004)			
	BP	Konertz et al., "Results after partial le		heart failure population,"	
		Journal of Cardiac Surgery 14(2): 129-135 (1999)  Kron et al., "Surgical relocation of the posterior papillary muscle in chronic ischemic metal			
	BQ	regurgitation," Annals. of Thoracic Su	rgery 74: 600-601 (2002)	nome isenemie mean	
	BR	Krüger et al., 'Edge to edge technique in complex mitral valve repair," Thorac Cardiovasc Surg. 48 (Supplement I): page 106 (abstract p73) (2000)			
		Lorusso et al., "'Double-Orifice' tech	inique to repair extensive mitral	valve excision following acute	
	BS	endocarditis," J. Card Surg 13: 24-26 (1998)			
	Lorusso et al., "The double-orifice technique for mitral valve construction: predictors of				
		postoperative outcome, "Eur J. Cardiothorac Surg 20(3): 583-589 (2001)  Maisano et al., "The double orifice repair for Barlow Disease: a simple solution for a complex			
	repair," Circulation (Supplement 1) 100(18): I-94 (1989)			•	
	BV	Maisano et al., "The double orifice technique as a standardized approach to treat mitral regurgitation due to severe myxomatous disease: surgical technique," European Journal of Cardiothoracic Surgery 17: 201-205 (2000)			
Maisano et al., "Th		Maisano et al., "The hemodynamic ef			
	BW	3D computational model: a 3D compu	italional model," European Jour	nal of Cardio-thoracic Surgery	
		15: 419-425 (1999)  Maintenant al. "Value reasis for transmatic tr			
	BX	Maisano et al., "Valve repair for traumatic tricuspid regurgitation," Eur. J. Cardio-thorac Surg 10: 867-873 (1996)			
	BY	Mantovani et al., "Edge-to-edge repai		regurgitation: case report," J.	
		Heart Valve Dis., 9(5): 641-643 (2000) McCarthy et al., "Partial left ventricul		or and stage congestive heart	
	BZ	failure," European Journal of Cardio-			
	CA	Moainie et al., "Correction of traumat	ic tricuspid regurgitation using t	he double orifice technique, "	
	CA	Annals of Thoracic Surgery 73: 963-9			
	СВ	Morales et al., "Development of an of #1999-4693," 2(2): 115-120 (1999)			
	СС	Nakanishi et al., "Early outcome with (2001) [Abstract in English; Article in		J. Cardiol. 37(5): 263-266	
		Nielsen et al., "The edge-to-edge mitr	al repair: tension of the approximation	mating suture and leaflet	
	CD	deformation during acute ischemic mi 1): I-29-I-35 (2001)	itral regurgitation in the ovine h	eart," Circulation 104(Suppl	
	CF	Osawa et al., "Partial left ventriculect	omy in a 3 year old boy with dil	ated sardiomyopathy,"	
	CE	Japanese Journal of Thoracic and Car	diovascular Surgery 48(9): 590-	593 (2000)	
	CF	Privitera et al., "Alfieri Mitral Valve l (2002)	Repair: Clinical Outcome and Pa	athology," Circulation 106: 173	
	CG	Redaelli et al., "A computational stud repair," Journal of Biomechanical Eng		lge-to-edge' mitral valve	
	<del>'</del>	1 Tomore Dil	3.55.555 575 (5501)	·····	

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Application No. Substitute Form PTO-1449 U.S. Department of Commerce Attorney's Docket No. Patent and Trademark Office (Modified) 10/820,581 17315-002002 Applicant List of Patents and Publications for Applicant's Frederick G. St. Goar Information Disclosure Statement Filing Date Group Art Unit April 7, 2004 3732 (37 CFR §1.98(b)) Other Documents (include Author, Title, Date, and Place of Publication) Examiner Initial ID Document Tamura et al., "Edge to edge repair for mitral regurgitation on a patient with chronic hemodialysis: CH report of a case," Kyobu Geka 54(9): 788-790 (2001) [Article in Japanese, English Summary] Timek, "Edge-to-edge mitral repair: gradients and three-dimensional annular dynamics in vivo CI during inotropic stimulation," European Journal of Cardio-thoracic Surgery 19: 431-437 (2001) Timek, "Edge-to-edge mitral valve repair without ring annuloplasty for acute ischemic mitral CJ regurgitation," Circulation 108 (Supplement II): II-122-II-127 (2003) Totaro, "Mitral valve repair for isolated prolapse of the anterior leaflet: an 11-year follow-up," CK European Journal of Cardio-thoracic Surgery 15: 119-126 (1999) Votta et al., "3-D computational analysis of the stress distribution on the leaflets after edge-to-edge CL repair of mitral regurgitation," Journal of Heart Valve Disease 11: 810-822 (2002)

Examiner Signature	Date Considered	
/Lindsey Bachman/	05/12/2006	
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